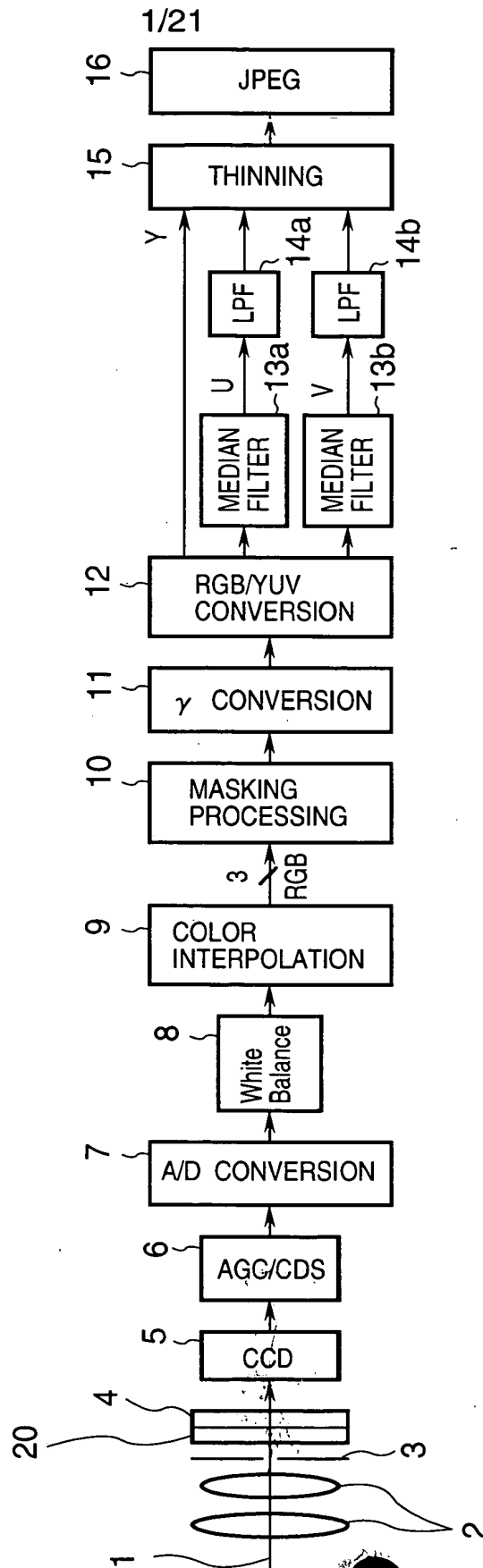


# Fig. 1



2/21

FIG. 2A

a*11 8	a*12 10	a*13 12
a*21 10	a*22 20	a*23 11
a*31 9	a*32 11	a*33 10

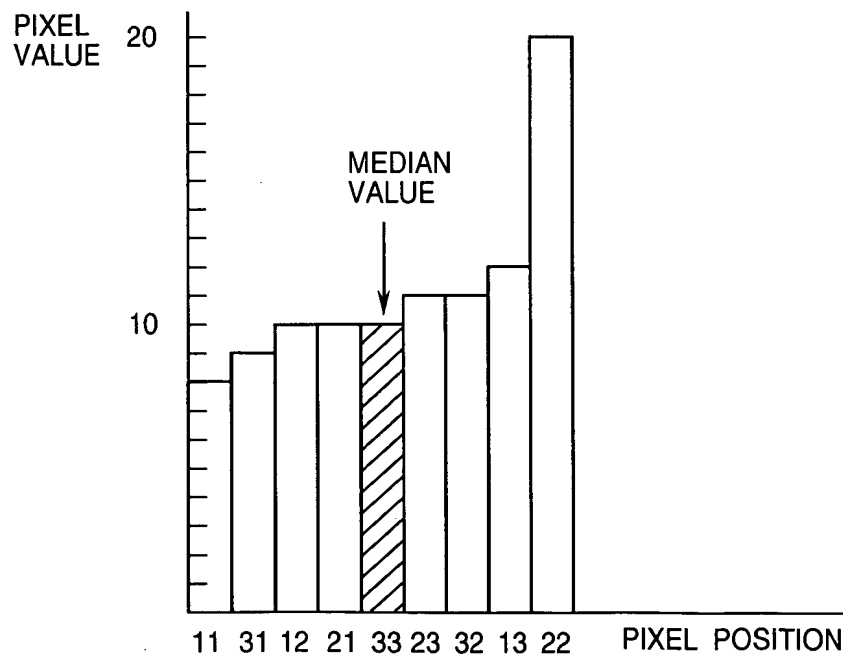
a\*22=20



REPLACE

a\*22=10 (MEDIAN VALUE)

FIG. 2B



# FIG. 3

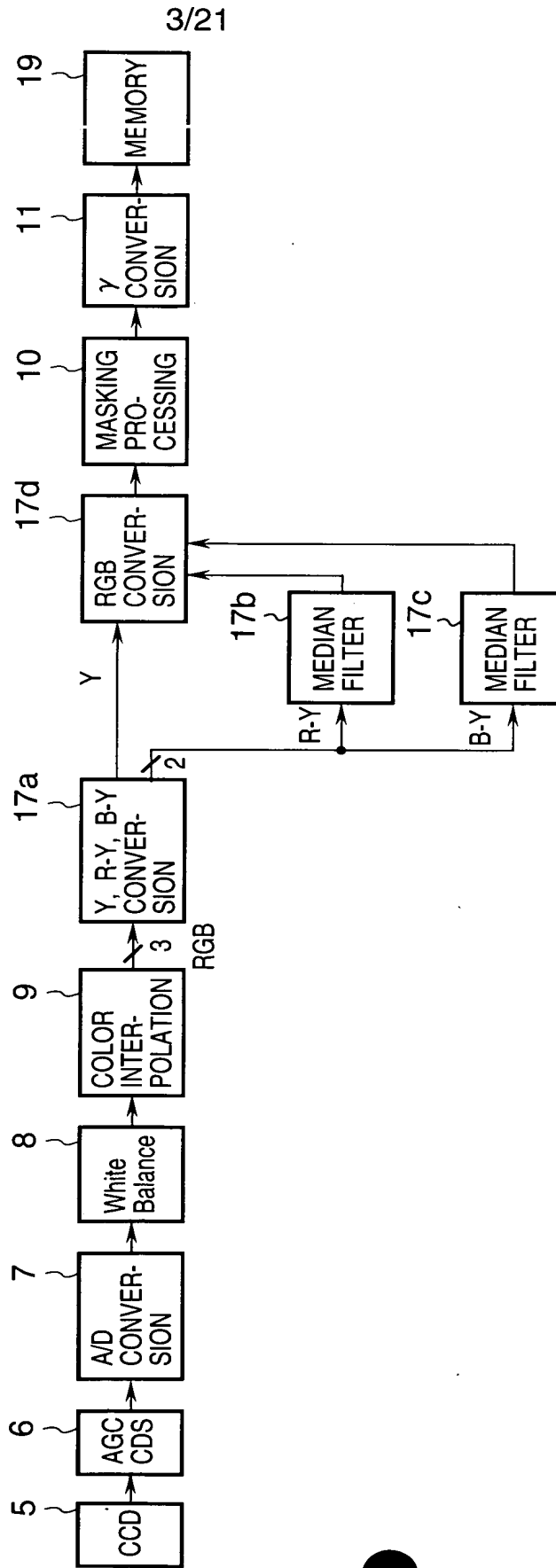


FIG. 4

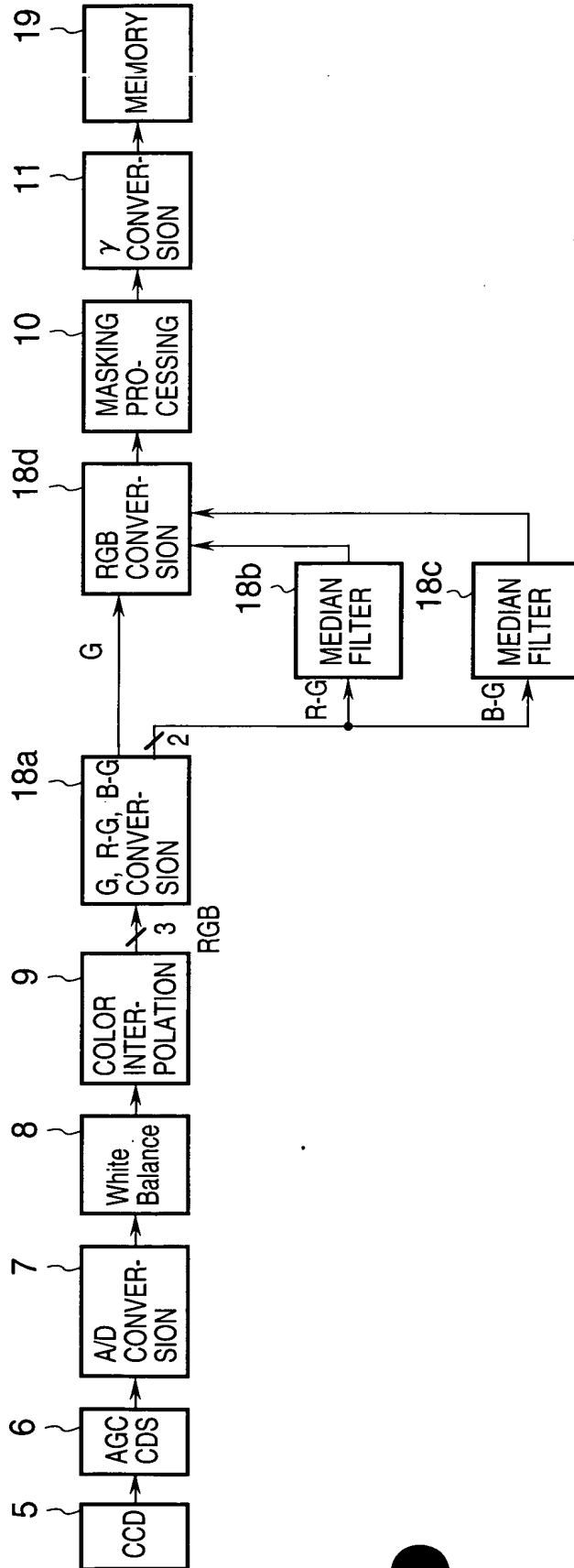


FIG. 5

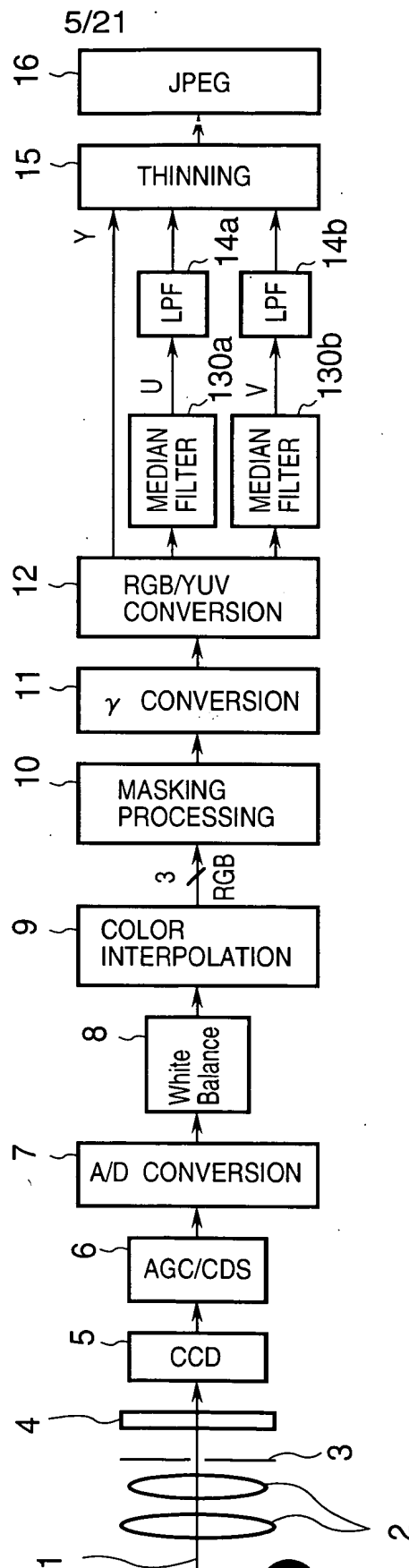


FIG. 6

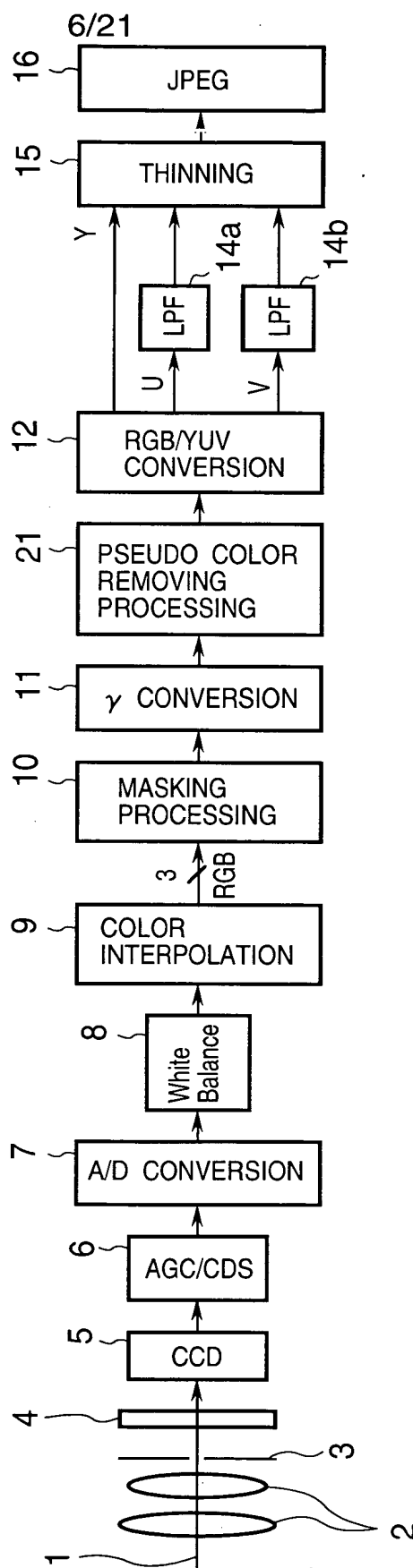


FIG. 7

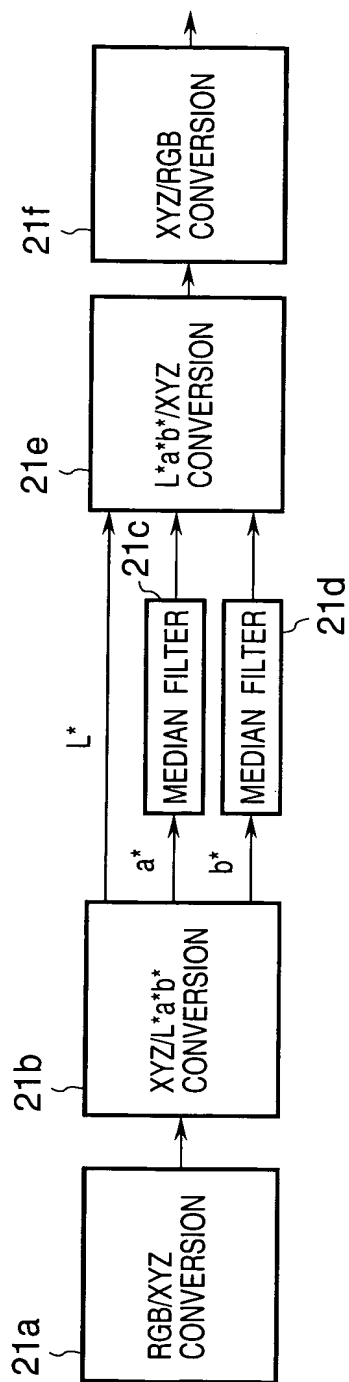


FIG. 8

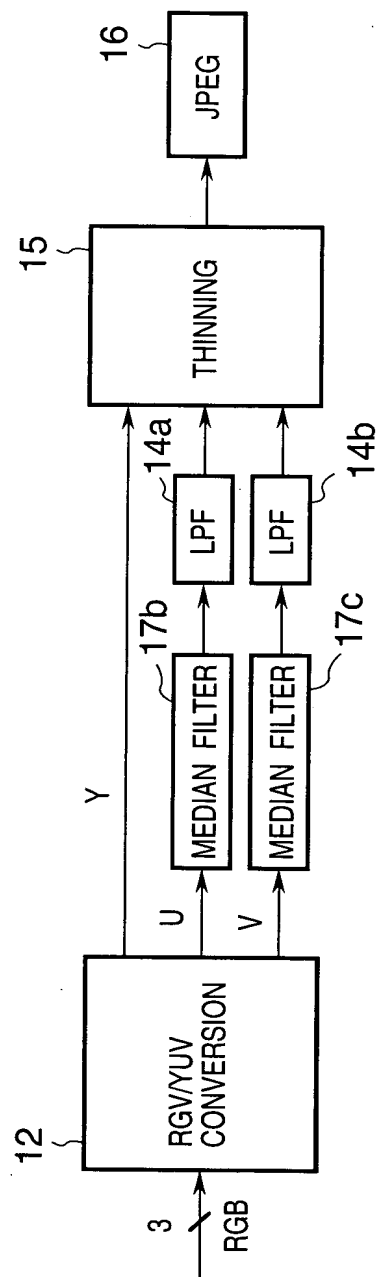




FIG. 9

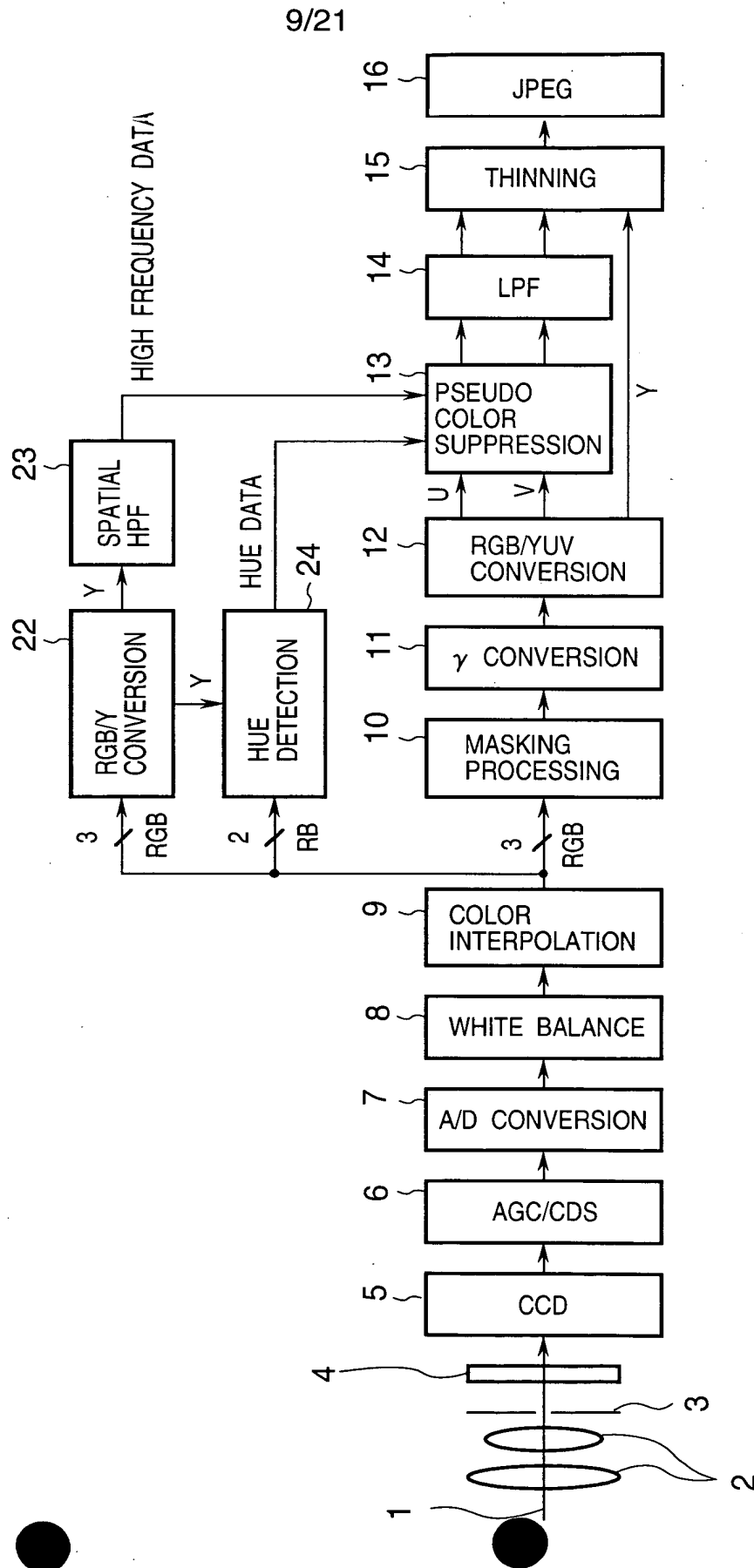


FIG. 10

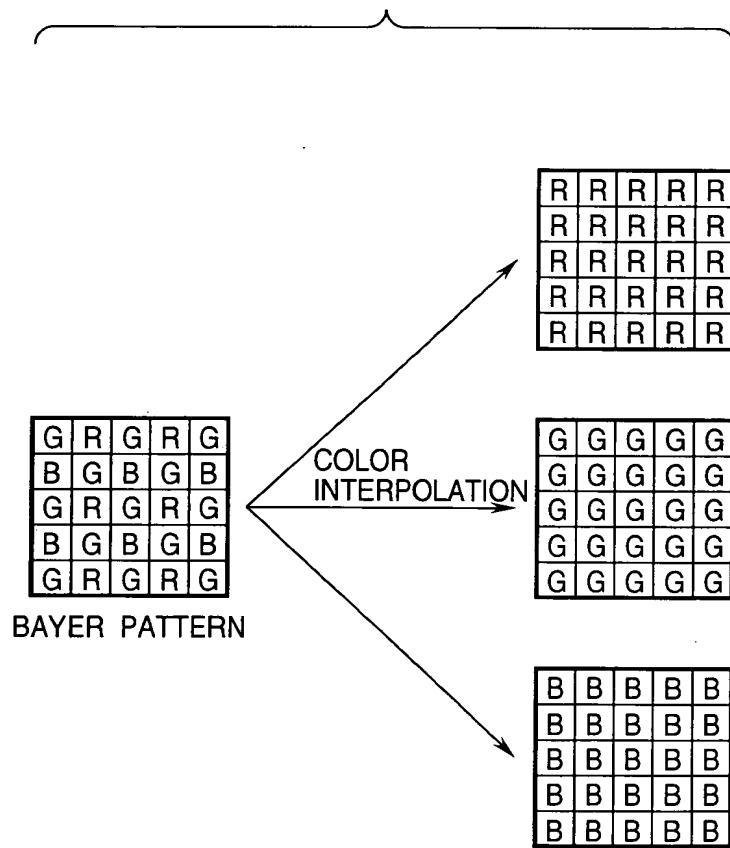


FIG. 11

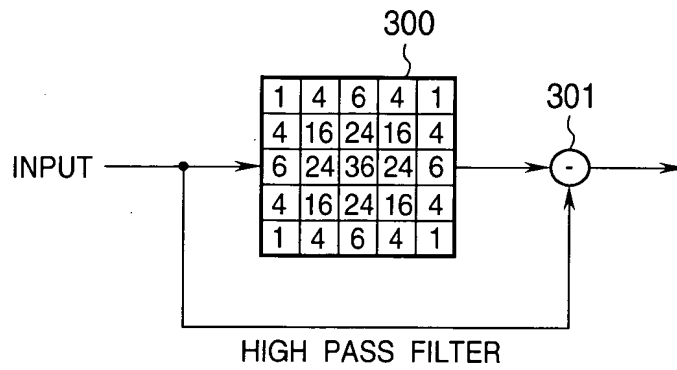
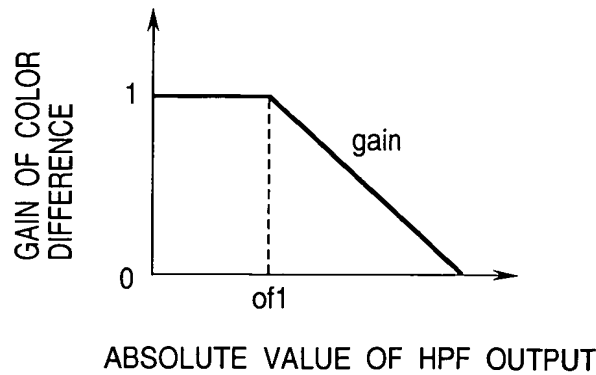
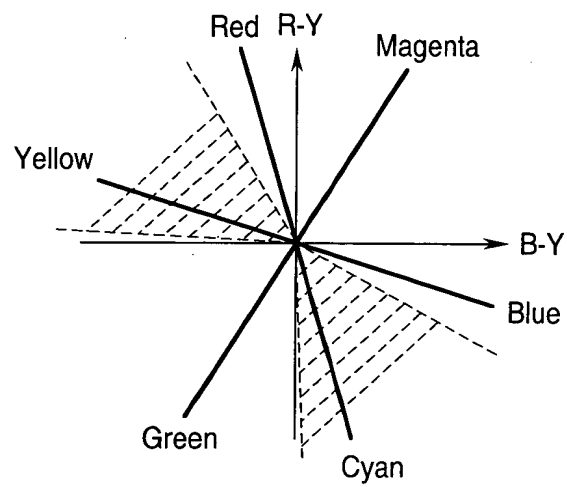


FIG. 12



12/21

**FIG. 13**



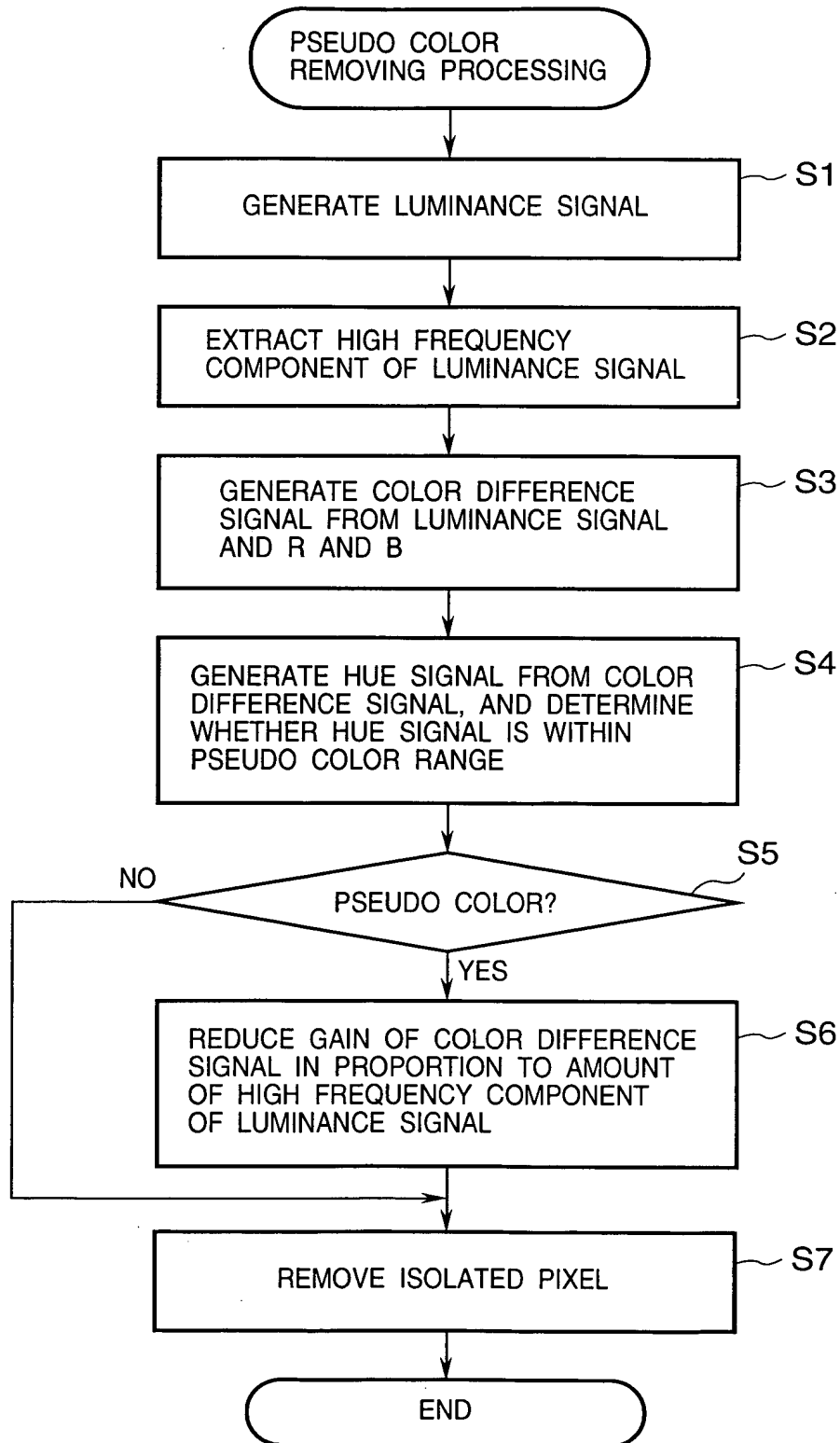
**FIG. 14**

FIG. 15

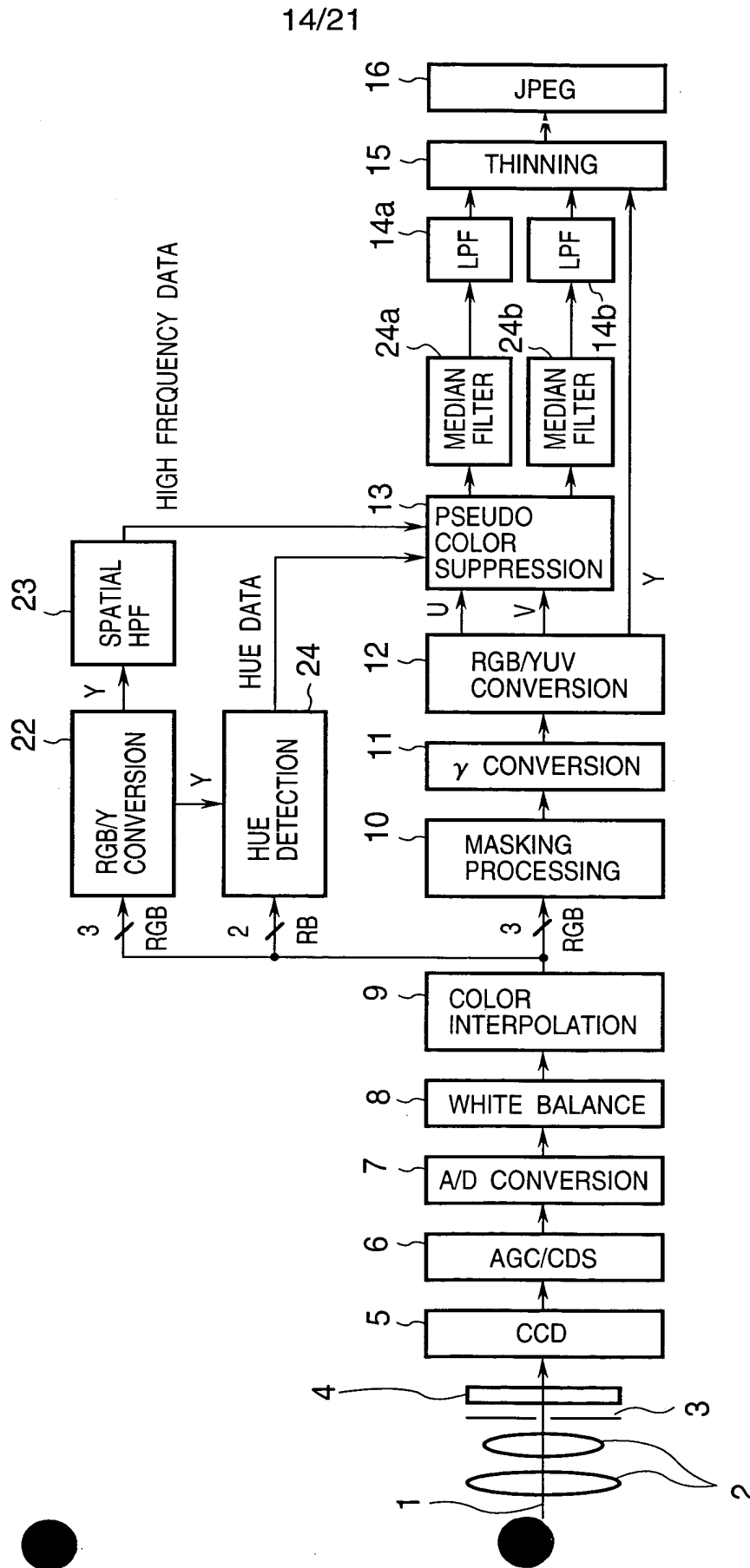
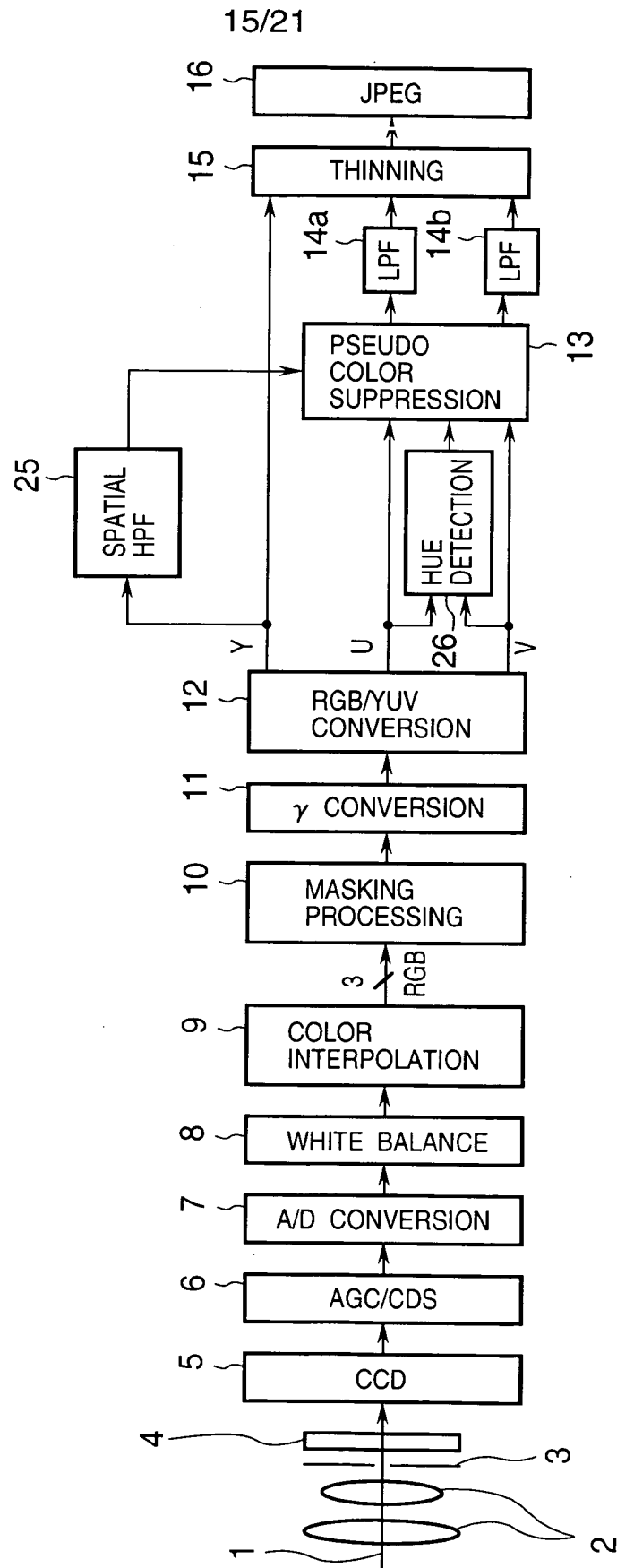


FIG. 16



**FIG. 17**

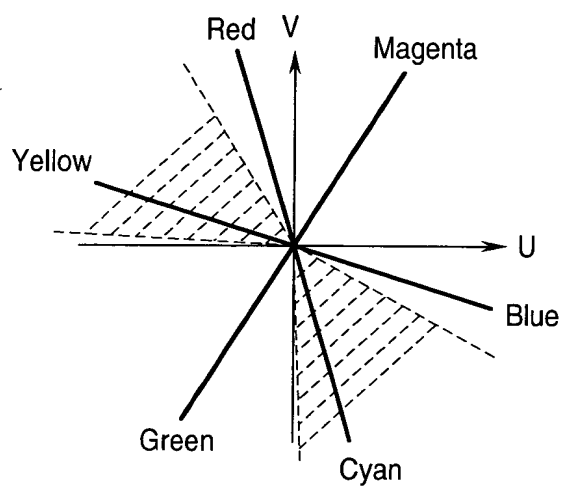




FIG. 18

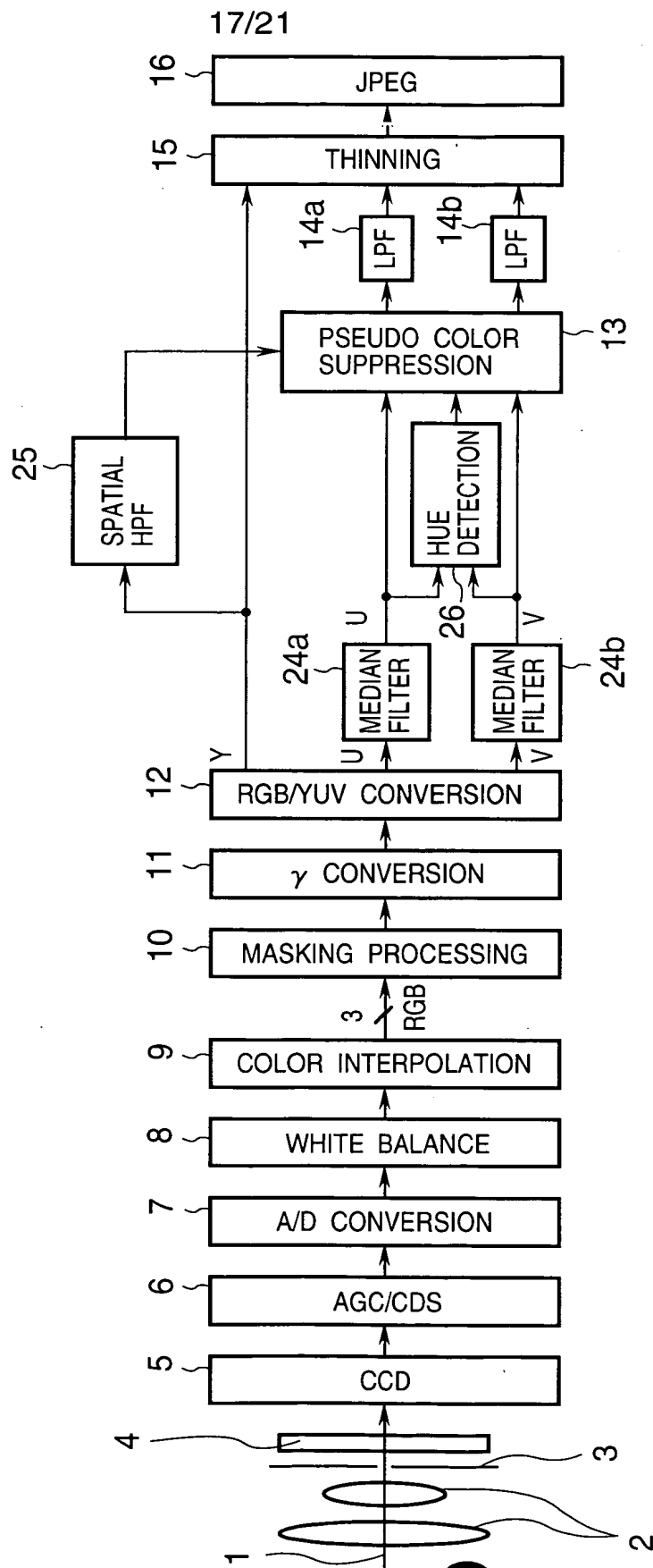


















FIG. 19

	G11	R12		G13	R14		G15
	B21	G22		B23	G24		B25
	G31	R32		G33	R34		G35
	B41	G42		B43	G44		B45
	G51	R52		G53	R54		G55

 = 0

$$R33 = (R32 + R34) / 2$$

$$G33 = 0$$

$$B33 = (B23 + B43) / 2 = 0$$

→ Red

$$R43 = (R32 + R34 + R52 + R54) / 4$$

$$G43 = (G33 + G53) / 2 = 0$$

$$B43 = 0$$

→ Red

$$R34 = R34$$

$$G34 = (G24 + G33 + G35 + G44) / 4$$

$$B34 = (B22 + B25 + B43 + B44) / 4 = 0$$

→ Yellow











$$R44 = (R34 + R54) / 2$$


$$G44 = G44$$

$$B44 = (B43 + B44) / 2 = 0$$

→ Yellow

FIG. 20

G11		G13		G15
B21		B23		B25
G31		G33		G35
B41		B43		B45
G51		G53		G55

 = 0

$$R33 = (R32 + R34) / 2 = 0$$

$$G33 = G33$$

$$B33 = (B23 + B43) / 2$$

⇒ Cyan

$$R43 = (R32 + R34 + R52 + R54) / 4 = 0$$

$$G43 = (G33 + G53) / 2$$

$$B43 = B43$$

⇒ Cyan

$$R34 = 0$$

$$G34 = (G24 + G44) / 2 = 0$$

$$B34 = (B23 + B25 + B43 + B45) / 4$$

⇒ Blue

$$R44 = (R34 + R54) / 2 = 0$$

$$G44 = 0$$

$$B44 = (B43 + B45) / 2$$

⇒ Blue

## FIG. 21

$\overline{G11}$	R12	$\overline{G13}$	R14	$\overline{G15}$
B21	$\overline{G22}$	B23	$\overline{G24}$	B25
$\overline{G31}$	R32	$\overline{G33}$	R34	$\overline{G35}$
B41	$\overline{G42}$	B43	$\overline{G44}$	B45
$\overline{G51}$	R52	$\overline{G53}$	R54	$\overline{G55}$

$\overline{\square} = 0$

$$R33 = (R32 + R34) / 2 = 0$$

$$G33 = 0$$

$$B33 = (B23 + B43) / 2$$

⇒ Magenta

$$R43 = (R32 + R34 + R52 + R54) / 4$$

$$G43 = (G33 + G43 + G44 + G53) = 0$$

$$B43 = B43$$

⇒ Magenta

$$R34 = R34$$

$$G34 = (G24 + G33 + G35 + G44) / 4 = 0$$

$$B34 = (B23 + B25 + B43 + B44) / 4$$

⇒ Magenta

$$R44 = (R34 + R54)$$

$$G44 = G44$$

$$B44 = (B43 + B44) / 2$$

⇒ Magenta

FIG. 22

G11	$\overline{R12}$	G13	$\overline{R14}$	G15
$\overline{B21}$	G22	$\overline{B23}$	G24	$\overline{B25}$
G31	$\overline{R32}$	G33	$\overline{R34}$	G35
$\overline{B41}$	G42	$\overline{B43}$	G44	$\overline{B45}$
G51	$\overline{R52}$	G53	$\overline{R54}$	G55

$\square = 0$

$R33 = (R32 + R34) / 2 = 0$

$G33 = G33$

$B33 = (B23 + B43) / 2 = 0$

⇒ Green

$R43 = (R32 + R34 + R52 + R54) / 4 = 0$

$G43 = (G33 + G42 + G44 + G53) / 4$

$B43 = 0$

⇒ Green

$R34 = 0$

$G34 = (G24 + G33 + G35 + G44) / 4$

$B34 = (B23 + B25 + B43 + B44) / 4 = 0$

⇒ Green

$R44 = (R34 + R54) = 0$

$G44 = G44$

$B44 = (B43 + B44) / 2 = 0$

⇒ Green